

MATERIAL SAFETY DATA SHEET

PENNZOIL® FIX-A-WINDSHIELD™

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 24396

Version Date: 01/31/01

Product Name: PENNZOIL® FIX-A-WINDSHIELD™

Product Use: Windshield repair

Synonyms: No information available

Company Information

SOPUS Products
P.O. Box 4453
Houston, TX 77210-4453
USA

Phone Numbers

Medical Emergency: 1-800-546-6040
Transportation Emergency (USA): 1-800-424-9300
Transportation Emergency (International):
1-703-527-3887 (Call Collect)
MSDS Assistance: 1-800-546-6227
Fax On Demand: 1-800-546-6227
Technical Assistance: 1-800-416-1600
Customer Service: 1-800-468-8397
Fax Number: 713-217-3181
Internet Address: www.MSDS.PZLQS.com

2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
METHACRYLIC ESTERS	MIXTURE	95 - 99	Yes
METHACRYLIC ACID	79-41-4	1 - 5	Yes

This product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Hazards:

Flammable/Combustible ☐ **Acute Toxin** ☒ **Chronic Toxin** ☒ **Carcinogen** ☐
Pressure ☐ **Reactive** ☐ **Exposure Limit** ☒ **Target Organ** ☐ **Other** ☐

Other: No information available

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview

CAUTION! MAY CAUSE EYE AND SKIN IRRITATION.
HIGH VAPOR CONCENTRATIONS MAY CAUSE TEARING.

NFPA Ratings: Health 2 Flammability 1 Reactivity 0

Primary Route of Exposure: Skin ☒ Inhalation ☒ Eye ☐

Health Effect Information

Eye Contact: Avoid eye contact. May be irritating to the eyes upon direct contact. Based on testing of similar products and/or components. Exposure to high concentrations of vapors may cause tearing and reddening of the eyes.

Skin Contact: Avoid skin contact. This product may cause skin irritation upon direct contact. Based on testing of similar products and/or components. Prolonged or repeated skin contact may result in dryness, chapping, and reddening. May be absorbed through skin.

Inhalation: Avoid inhalation of mists or vapors. Exposure to mist/vapors may be irritating to respiratory tract. Intentional misuse by deliberately concentrating and/or inhaling can be harmful or fatal. Acute and chronic overexposures may be irritating to the respiratory tract.

Ingestion: Do not ingest. Harmful or fatal if swallowed. Ingestion of large quantities may be harmful.

Medical Conditions Aggravated by Exposure: Drying and chapping may make the skin more susceptible to other irritants, sensitizers and disease.

Other: No information available

4. FIRST AID INFORMATION

Eye Contact: Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. Use a hand or skin lotion to prevent dryness. If redness or irritation occurs and persists, seek medical attention.

Inhalation: If victim exhibits signs of vapor intoxication remove to fresh air. If discomfort persists seek medical attention.

Ingestion: If large quantity is ingested and if person is conscious, give large quantities of water immediately. If vomiting occurs lower head below knees to avoid aspiration. Seek immediate medical attention.

Notes to Physician: No information available

Other: No information available

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: >199.9 F, >93.3 C

Test Method: ASTM D-92 (C.O.C.)

Flammable Limits in Air

Upper Percent: No data available

Lower Percent: No data available

Autoignition Temperature: No data available

Test Method: No information available

NFPA Classification: Class III-B combustible liquid

Extinguishing Media: Use water spray (fog), dry chemical, foam, or carbon dioxide.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: No special fire fighting procedures are required.

Unusual Fire and Explosion Conditions: Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

Hazardous Combustion By-Products: None

Other: No information available

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: Provide adequate ventilation to remove vapors and mists.

Regulatory Notifications: No notification required

Containment and Clean up: No special cleanup procedures are necessary.

Other: No information available

7. HANDLING AND STORAGE INFORMATION

Handling: No special handling procedures are necessary.

Storage: Store in closed containers away from heat, sparks, open flame, or oxidizing materials. Do not store at temperatures greater than 120 F.

Empty Container Warnings

Drums: Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed. DO NOT PRESSURIZE, CUT WELD, BRAZE SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Plastic: Empty container may retain product residues.

Other: No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

This product does not contain any components with OSHA or ACGIH exposure limits.

Personal Protective Equipment

Eye/Face Protection: Eye protection is not required under conditions of normal use.

Skin Protection: No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure.

Respiratory Protection: Respiratory protection is not required under conditions of normal use. If fumes are generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter.

Personal Hygiene: Consumption of food and beverage should be avoided in work areas where this product is present. Always wash hands and face with soap and water before eating, drinking, or smoking.

Engineering Controls / Work Practices

Ventilation: General room ventilation is normally sufficient to prevent buildup of hazardous concentrations. Adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

Other: No information available

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear	
Odor: Acrid	Vapor Pressure: No data available
Physical state: Liquid	Vapor Density (air=1): No data available
pH: No data available	Percent Volatile by Volume: No data available
Boiling Point: 356 F, 180 C	Volatile Organic Content: No data available
Melting Point: No data available	Molecular Weight: No data available
Specific Gravity: 1.01	Average Carbon Number: No data available
Pour Point: No data available	Viscosity @ 100 F: No data available
	Viscosity @ 40 C: No data available
Solubility in Water: Insoluble in water	
Octanol / Water Coefficient: Log K_{ow} = No data available	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable

Conditions to Avoid: Keep away from heat, sparks, open flames and other ignition sources.

Incompatible Materials to Avoid: May react with strong oxidizing agents.

Other: No information available

11. TOXICOLOGICAL INFORMATION

Primary Eye Irritation: No information available

Primary Skin Irritation: No information available

Acute Dermal Toxicity: No information available

Subacute Dermal Toxicity: No information available

Dermal Sensitization: No information available

Inhalation Toxicity: No information available

Inhalation Sensitization: No information available

Oral Toxicity: No information available

Mutagenicity: No information available

Carcinogenicity: No information available

Reproductive and Developmental Toxicity: No information available

Teratogenicity: No information available

Immunotoxicity: No information available

Neurotoxicity: No information available

Other: No information available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: May be toxic to aquatic organisms.

Terrestrial Toxicity: No information available

Chemical Fate and Transport: No information available

Other: No information available

13. DISPOSAL INFORMATION

Regulatory Information: Dispose of residual products and empty containers responsibly.

Waste Disposal Methods: No special waste disposal methods are required.

Other: No information available

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Highway / Rail (Bulk): Not Regulated

Highway / Rail (Non-Bulk): Not Regulated

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping descriptions.

International Information

Vessel: IMDG Regulated: _____ **IMDG Not Regulated:** X

Air: ICAO Regulated: _____ **ICAO Not Regulated:** X

Other: No information available

15. Regulatory Information

Regulatory Lists Searched: The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See **Regulatory Search Results** below.

Health & Safety: 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

Environmental: 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCM, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

International: 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

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State Lists: 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

Inventories: 80 - Canada - Domestic substances , 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA , 85 - China Inventory

Regulatory Search Results:

METHACRYLIC ACID: 15, 17, 23, 33, 35, 50, 61, 63, 65, 66, 67, 69, 80, 81, 82, 83, 84, 85

U.S. TSCA Inventory: All components of this material are on the US TSCA Inventory.

SARA Section 313: Consumer products are not regulated under SARA, Title III, Section 313.

IARC: No information available

SARA 311 / 312 Categories

Acute: ____ **Chronic:** X **Fire:** ____ **Pressure:** ____ **Reactive:** ____

Not Regulated: ____

Canadian WHMIS Classification

Class D - Poisonous and infectious material, Division 2B, Toxic Material

European Union Classification

Hazard Symbols:

No information available

Risk Phrases:

No information available

Safety Phrases:

No information available

Other: No information available

16. OTHER INFORMATION

Health and Environmental Label Language

Front Label:

CAUTION: EYE AND SKIN IRRITANT.

Read carefully other cautions on back.

Back Label:

CAUTION: Contains methacrylates

PRECAUTIONARY MEASURES: High vapor concentrations may cause tearing. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

FIRST AID: Eye or skin contact: Immediately flush with plenty of water. If irritation persists, get medical attention. Remove contaminated clothing immediately.

KEEP OUT OF REACH OF CHILDREN.

MSDS Revisions

Previous Version Date: Not applicable, this MSDS is the first version.

Previous Version Information

No information available

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Other

No information available

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